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Attorney Docket No. 3599 P 010

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Richard SYMS

Application No.: 10/522,638

Lodged: January 25, 2005

For: MONOLITHIC MICRO-ENGINEERED MASS  
SPECTROMETER

Examiner: not assigned

Art Unit: not assigned

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. §§ 1.97 AND 1.98**

Applicant submits herewith Form PTO-1449, "Information Disclosure Statement," and a copy of each reference listed therein. Since this Statement is being filed before the mailing date of a first Official Action on the merits, no fee is necessary.

The Examiner is requested to consider carefully the complete text of the listed references in connection with the examination of this application. It is requested that the listed references be made of record and included in the "References Cited" portion of any patent issuing from this application.

Respectfully submitted,

Dated: October 20, 2005

By:

Monique A. Morneau  
Monique A. Morneau, Reg. No. 37,893  
Wallenstein Wagner & Rockey, Ltd.  
311 South Wacker Drive, 53<sup>rd</sup> Floor  
Chicago, Illinois 60606-6630  
312.554.3300

**CERTIFICATE OF MAILING (37 C.F.R. § 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on October 20, 2005

Susan M. Franklin  
Susan M. Franklin 224068



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
PTO-1449

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Application No.: 10/522,638  
Lodged: January 25, 2005  
First Named Inventor: Richard SYMS  
Art Unit: not assigned  
Examiner Name: no assigned  
Attorney Docket Number: 3599 P 010

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document No. Kind Code (if known)	Name of Patentee or Applicant	Date (MM-DD-YYYY)
	US 5,386,115 A	Freidhoff et al.	1/31/1995
	US 5,401,962	Ferran	3/28/1995
	US 5,719,393	Chutjian et al.	2/17/1998
	US 6,025,591 A	Taylor et al.	2/15/2000
	US 6,188,067	Shutjian et al.	2/13/2001

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	T
	Office	Number	Kind			
	PCT	WO97/47025		MDS, Inc.	12/11/1997	

**OTHER PRIOR ART OR NON-PATENT LITERATURE DOCUMENTS**

Examiner Initial	(including Author (in capital letters), Title of the article, Title of the item, Date, Pages, Volume-Issue number, Publisher, City and/or Country where published.)	T
	J.J. Tunstall et al., "Silicon Micromachined Mass Filter for a Low Power, Low Cost Quadrupole Spectrometer," Micro Electro Mechanical Systems, 1998. Mems 98. Proceedings, the Eleventh Annual International Workshop on Heidelberg, Germany 25-29 Jan. 1998, New York, NY USA, IEEE, US, Pages 438-442.	
	J.H. Batey, "Quadrupole Gas Analysers," Vacuum 37, 659-668 (1987)	

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STATEMENT BY APPLICANT**  
PTO-1449

Sheet 2 of 2

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Lodged: January 25, 2005  
First Named Inventor: Richard SYMS  
Art Unit: not assigned  
Examiner Name: no assigned  
Attorney Docket Number: 3599 P 010

Examiner Signature: \_\_\_\_\_

Date Considered: \_\_\_\_\_

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.